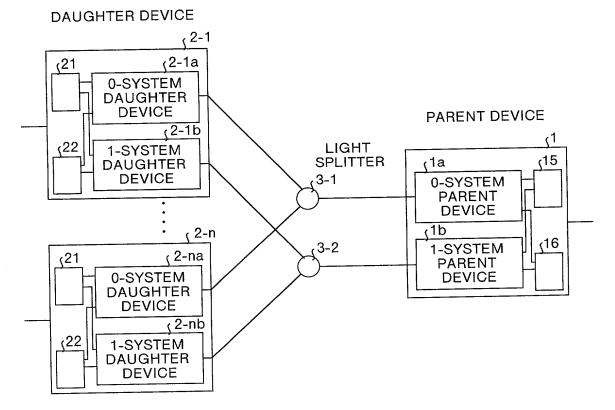
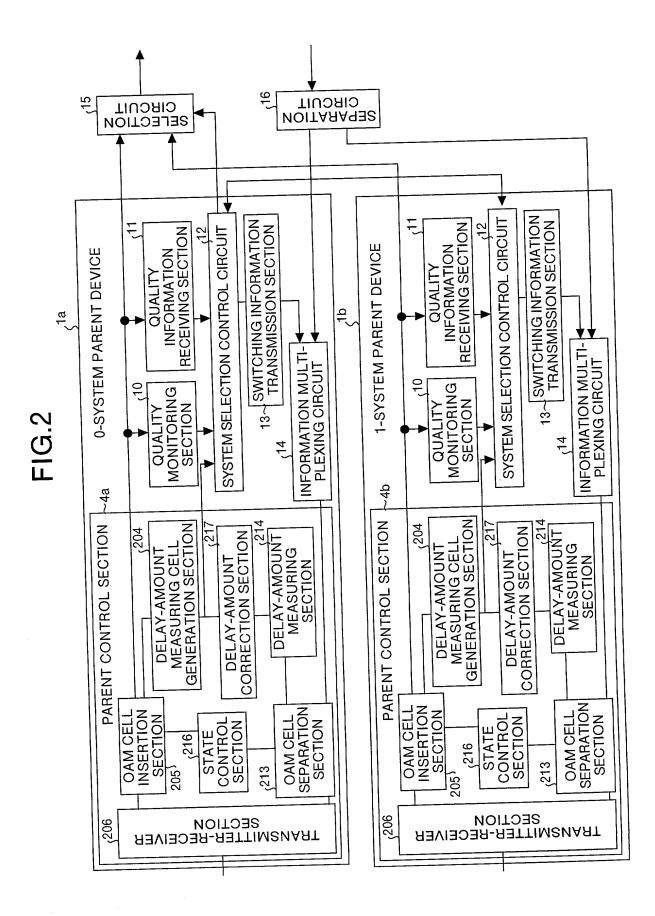
FIG.1







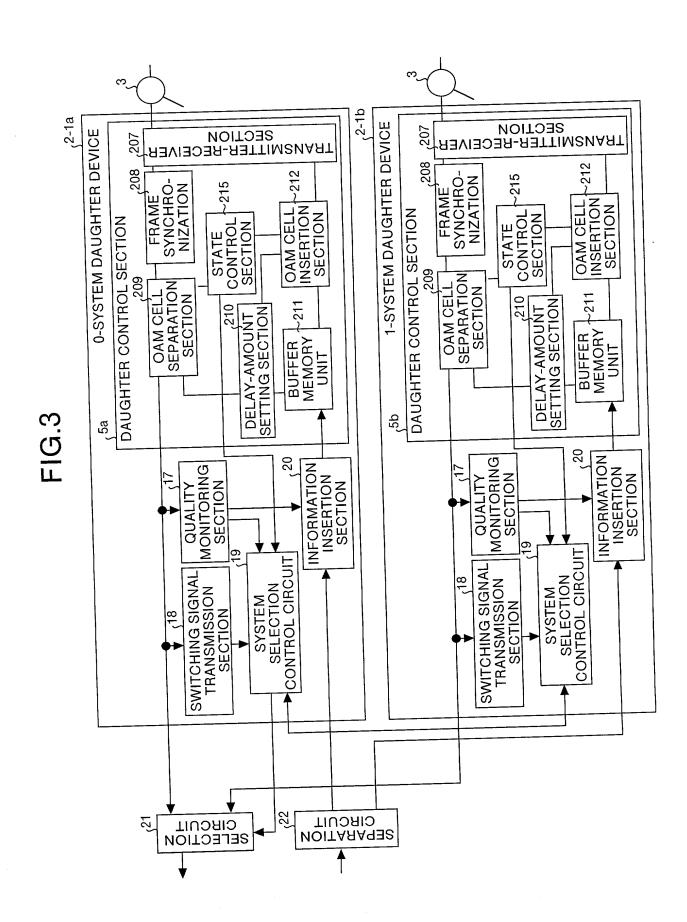
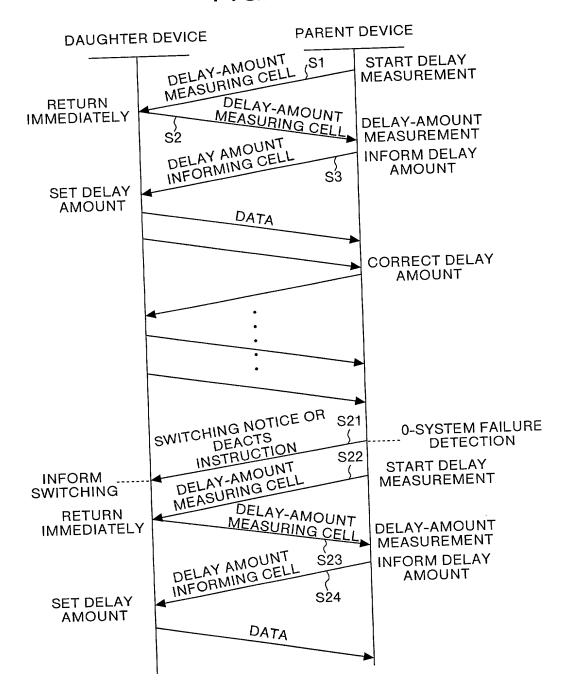


FIG.4



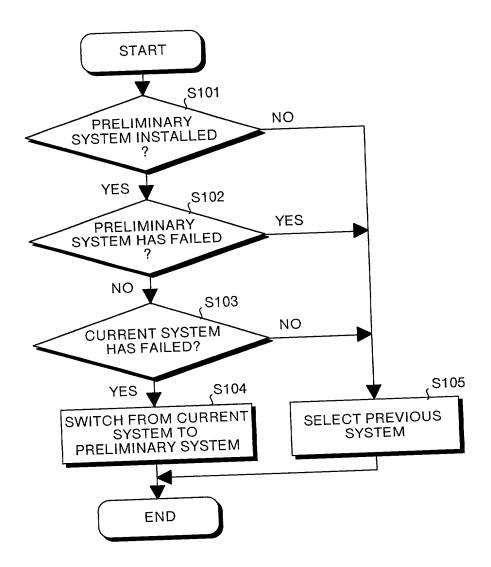
STATE (0-SYSTEM) OR OF STATE OF EACH DAUGHTER DEVICE (1: OPERATIVE 0: FAILED)	STATE (1-SYSTEM) OR OF STATE OF EACH DAUGHTER DEVICE (1: OPERATIVE 0: FAILED)	SELECTED SYSTEM
1	1	PREVIOUS SYSTEM
0	1	1-SYSTEM
1	0	0-SYSTEM
0	0	PREVIOUS SYSTEM

NUMBER	STATE (0-SYSTEM)	STATE (1-SYSTEM)	SELECTED SYSTEM
1	OPERATIVE	OPERATIVE	0-SYSTEM
2 OPERATIVE		OPERATIVE	0-SYSTEM
3	OPERATIVE	OPERATIVE	0-SYSTEM

FIG.7

NUMBER	STATE (0-SYSTEM)	STATE (1-SYSTEM)	SELECTED SYSTEM
1	FAILED	OPERATIVE	1-SYSTEM
2	OPERATIVE	OPERATIVE	1-SYSTEM
3	OPERATIVE	OPERATIVE	1-SYSTEM

FIG.8



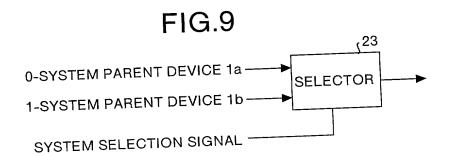


FIG. 10

0-SYSTEM PARENT DEVICE 1a CELL

1-SYSTEM PARENT DEVICE 1b CELL

SELECTOR

READ-OUT PHASE ADJUSTING UNIT

SYSTEM SELECTION SIGNAL

FIG.11

STATE (0-SYSTEM) (1: OPERATIVE 0: FAILED)	STATE (1-SYSTEM) (1: OPERATIVE 0: FAILED)	SELECTED SYSTEM
1	1	PREVIOUS SYSTEM
0	1	1-SYSTEM
1	0	0-SYSTEM
0	0	PREVIOUS SYSTEM

FIG.12

NUMBER	MBER STATE (0-SYSTEM) STATE (1-SYSTEM)		SELECTED SYSTEM
1	FAILED	OPERATIVE	1-SYSTEM
2	OPERATIVE	OPERATIVE	0-SYSTEM
3	OPERATIVE	OPERATIVE	0-SYSTEM

FIG.13

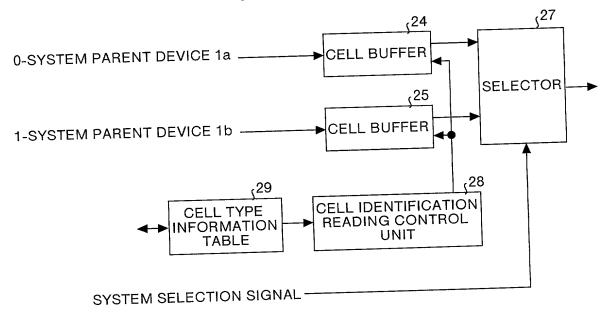


FIG.14

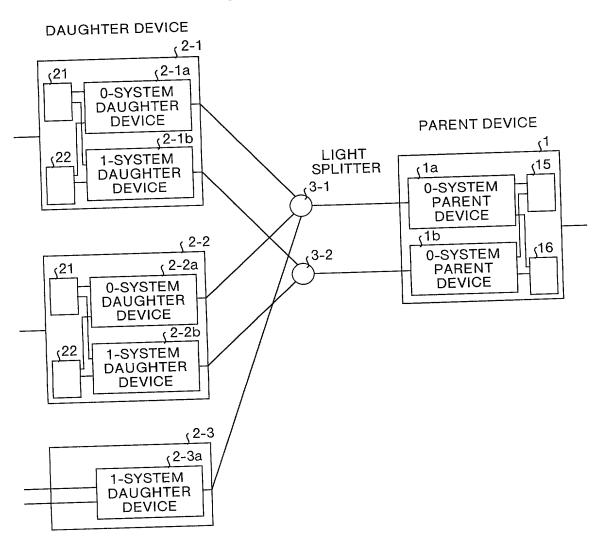


FIG.15

NUMBER	STATE (0-SYSTEM)	STATE (1-SYSTEM)	SELECTED SYSTEM
1	FAILED	OPERATIVE	1-SYSTEM
2	OPERATIVE	OPERATIVE	0-SYSTEM
3 OPERATIVE		IGNORE	FIXED TO 0-SYSTEM

FIG.16

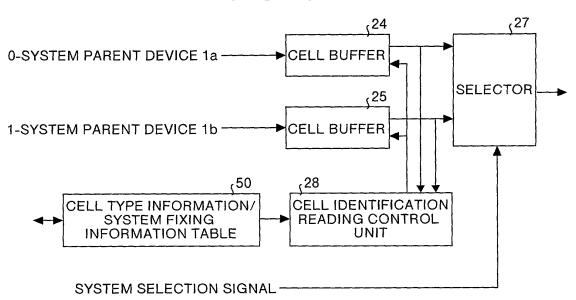


FIG. 17

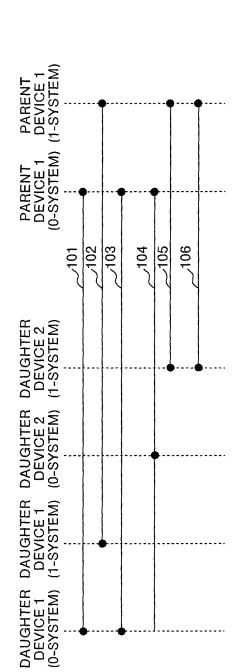


FIG. 18

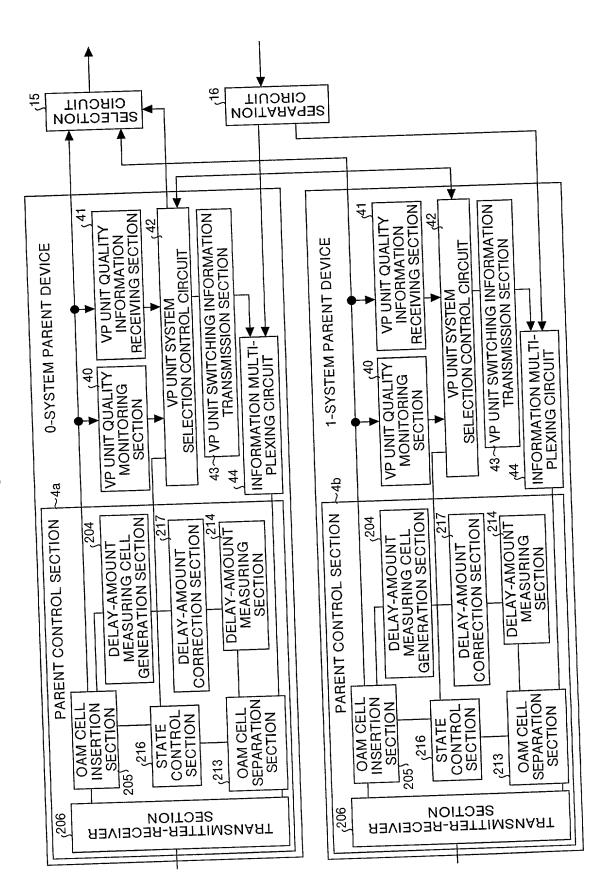


FIG. 19

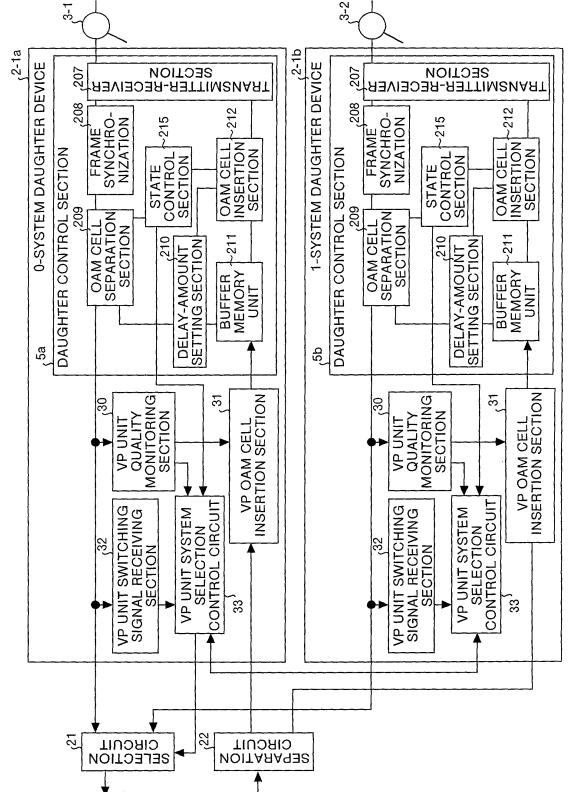


FIG.20

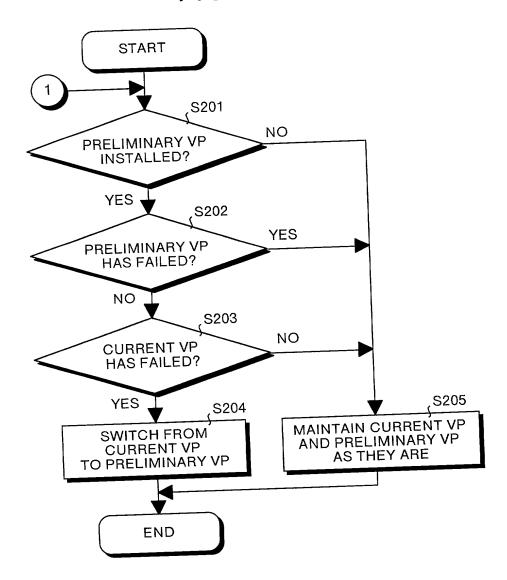


FIG.21

VPI NUMBER	VP STATE (0- SYSTEM)	VP STATE (1- SYSTEM)	SELECTED SYSTEM	SELECTION METHOD
1	FAILED	OPERATIVE	1-SYSTEM	SELECT NORMAL SYSTEM OR PREVIOUS SYSTEM
2			FIXED TO 0-SYSTEM	FIXEDLY SELECT SYSTEM THAT IS PATH SET
3	OPERATIVE	OPERATIVE	0-SYSTEM	SELECT NORMAL SYSTEM OR PREVIOUS SYSTEM
4			FIXED TO 1-SYSTEM	FIXEDLY SELECT SYSTEM THAT IS PATH SET

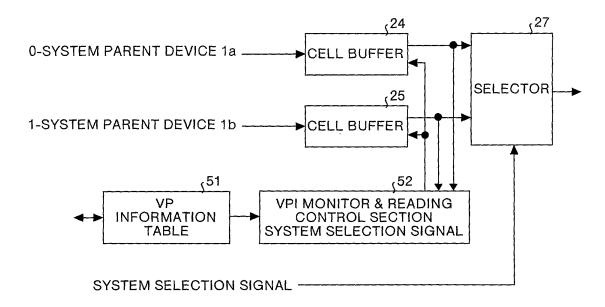
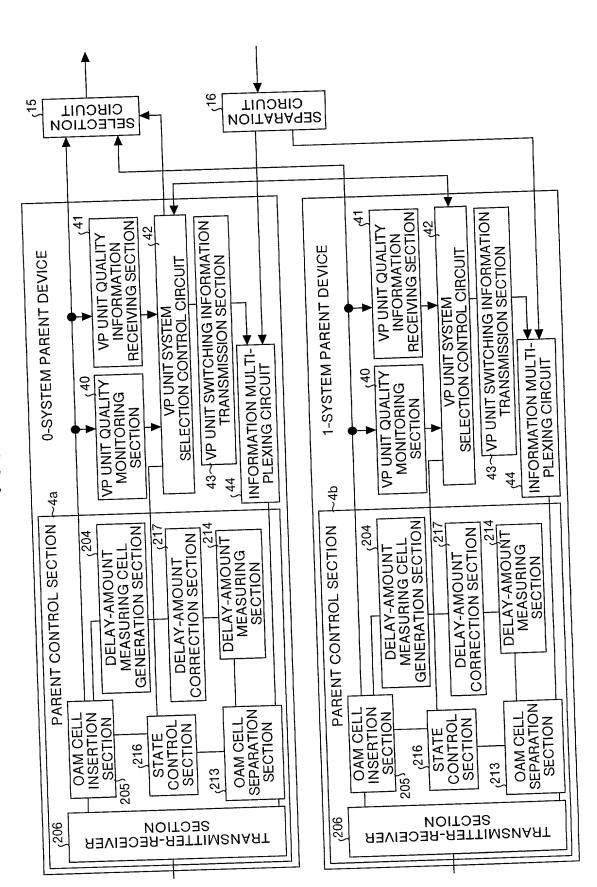
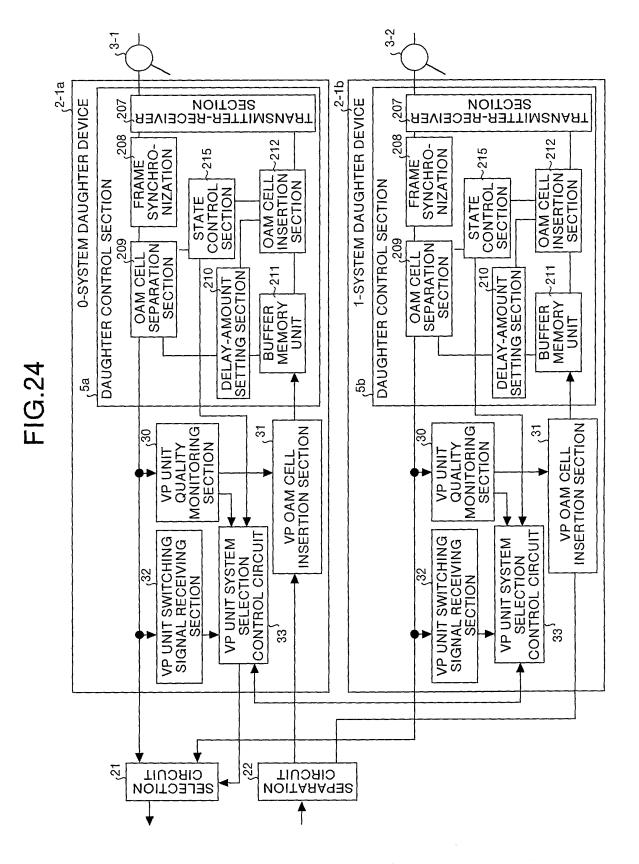


FIG.23



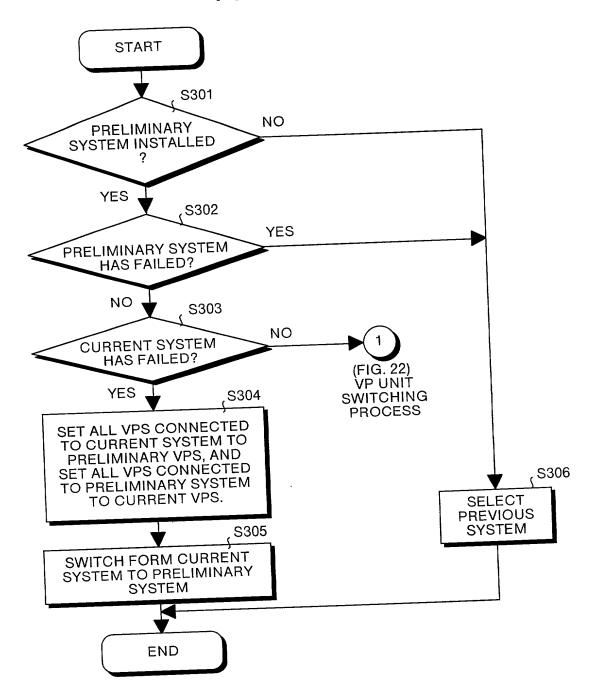
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FIG.25



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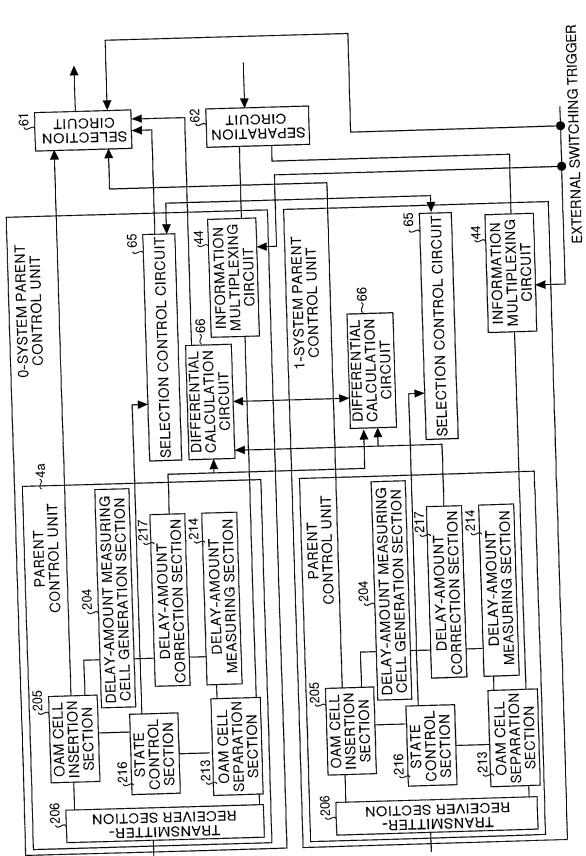
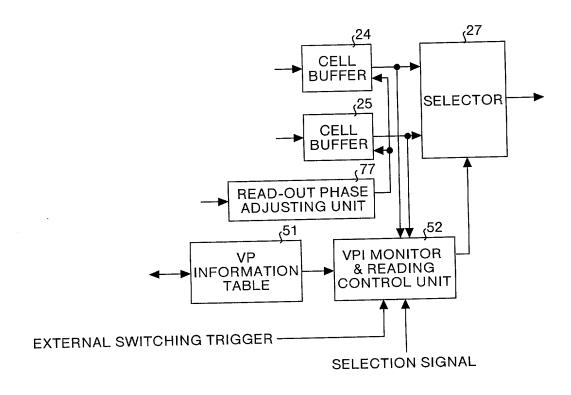


FIG.27





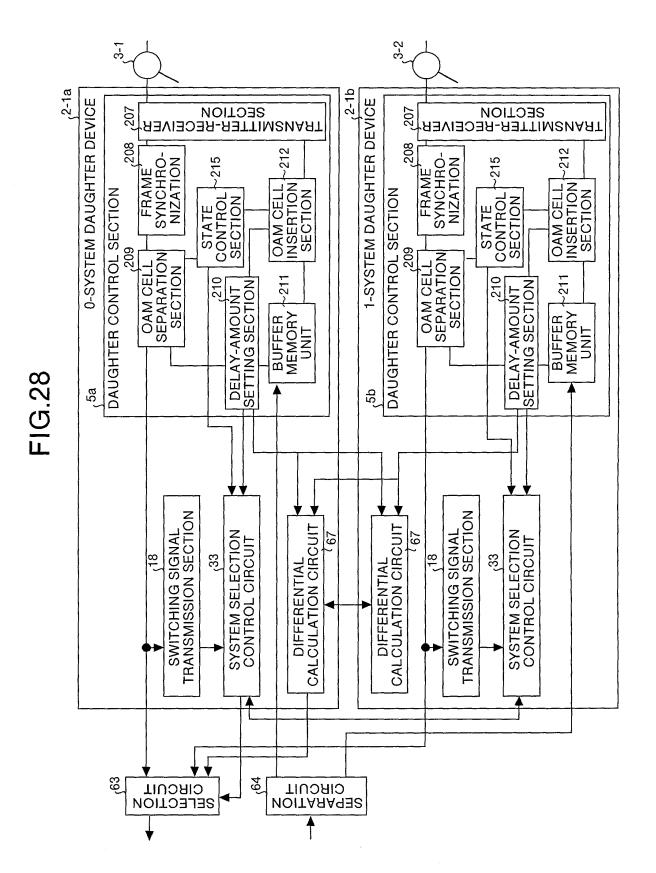


FIG.29

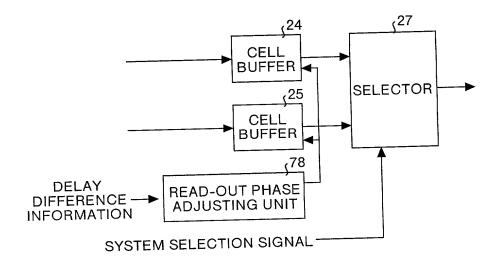


FIG.30

